

Docket No. PD-00W114

ABSTRACT OF THE DISCLOSURE

An identification system for identifying objects of interest is disclosed. The system includes an enhancement mechanism for enhancing Raman scattering from a plurality of Raman active molecules (RAMs). An interrogator transmits a signal toward an object of interest and receives a return signal therefrom. The return signal includes a Raman signature, and the interrogator classifies the object based on the Raman signature.

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